

# 英 語

**問題 I** 次の英文を読んで、続く質問に答えなさい。

A new study shows that we could learn vocabulary while we are sleeping. This is great news for students <sup>(1)</sup>struggling to learn a new language. It is also good for anyone who is trying to expand their knowledge of words. Researchers from the University of Bern in Switzerland have shown that it is possible to learn new information while we are sleeping deeply, and then recall this information when we need it after we wake up. This new information includes foreign language vocabulary. The researchers conducted tests on ( 2 ) or not a person can remember new words and their translations while they were asleep. They said our sleeping brain is much more aware ( 3 ) the outside world than we thought.

Researcher Marc Züst said, “language areas of the brain and the hippocampus – the brain’s essential memory <sup>(4)</sup>hub – were activated after a person woke up.” He said these areas of the brain ( 5 ) us to remember vocabulary during deep sleep. The researchers said that during deep sleep, our brain cells are active for a short period of time – about half a second. The cells then enter ( 6 ) a period of inactivity – again, about half a second. The active state is called “up-state” and the inactive state is called “down-state.” The “up-state” period is the time when our brain could learn new vocabulary. The researchers say more research is needed to be 100 per cent sure that we can learn vocabulary while asleep.

(<https://breakingnewsenglish.com/1902/190206-learning-vocabulary.html>)

1. 下線部<sub>(1)</sub> struggling と同じような意味を持つ語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① endeavoring                      ② fighting  
③ refusing                            ④ wanting

2. 空所 ( 2 ) に入れるのに最も適切な語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① what                      ② why                      ③ whether                      ④ how

3. 空所 ( 3 ) に入れるのに最も適切な語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① at                      ② on                      ③ of                      ④ to

4. 下線部<sub>(4)</sub> hub と同じような意味を持つ語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① plant                      ② center                      ③ activity                      ④ region

5. 空所 ( 5 ) に入れるのに最も適切な語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① make                      ② let                      ③ perform                      ④ allow

6. 空所（ 6 ）に入れるのに最も適切な語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① after            ② into            ③ of            ④ for

7. 本文の内容に合致している英文を①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① The hippocampus is always active even while asleep.
- ② Our brains become active and inactive alternately while we sleep deeply.
- ③ In order to learn new vocabulary, both active and inactive periods of brain cell motion must be used.
- ④ While asleep, our brains can memorize as many things as we suspected.

8. 本文の内容に合致している英文を①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① We are more conscious of things happening while asleep than while awake.
- ② People can remember whatever they hear during sleep.
- ③ It has been proved that people can remember new vocabulary while sleeping.
- ④ The study conducted in Switzerland used the sleep period when their subjects were sleeping deeply.

**問題Ⅱ** 次の英文を読んで、続く質問に答えなさい。

In 2002, a bowl of noodles thought to be 4000 years old was unearthed in Qinghai province, China. The earthenware bowl and its preserved contents were discovered buried underneath three meters of sediment at an archaeological site in Lajia, the location of a catastrophic earthquake some four millennia ago. Before this find, the earliest record of noodles appeared in a book written during *China's Eastern Han Dynasty*\*, sometime between 25 and 220 AD.

After Japan's defeat in WWII, food supplies were scarce and the people were <sup>(9)</sup> reliant on American aid. Momofuku Ando, a failed Taiwanese-Japanese businessman, was <sup>(10)</sup> intent on finding a way to feed Japan's <sup>(11)</sup> starving post-war population, convinced that real peace would only come when they had enough to eat. So, he spent a year working away in a backyard hut in Osaka and, through tireless effort and trial and error, emerged with what would become the world's most successful industrial food: the chicken ramen instant noodle. Instant noodles first went on sale in 1958, and they've changed little since.

60 years on from Ando's garden shed creation, 270 million servings of instant noodles are now eaten around the world every day according to the World Instant Noodles Association. Annually, that's 16 to 17 portions for every man, woman and child. Last year alone we ate more than 100 billion servings of them across the globe, with 38 billion of those consumed in Mainland China – the world's number one market for “convenient noodles.”

At the turn of the millennium, a poll found that the Japanese believe their best invention of the twentieth century is instant noodles – ahead of high-speed trains, the laptop and karaoke! The country has not one but

three instant noodle museums, with the museum in Yokohama dedicated entirely to Cup Noodles.

In Japan, slurping loudly while eating your noodles is not considered rude but rather a sign of appreciation. If you're sitting down to a bowl of noodles in the Land of the Rising Sun, use your chopsticks to guide the noodles into your mouth and then slurp them, loudly. This shows your host that you are enjoying the meal with the added benefit of enhancing the flavour.

\* 中国漢王朝

(<http://www.bbc.co.uk/programmes/articles/5HGx669mzMrhPXjKPRJPSP/from-pot-to-slurp-oodles-of-noodle-facts>) BBC Radio 4 IN FOUR

9. 下線部(9)と同じような意味を持つ語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- |             |             |
|-------------|-------------|
| ① demanding | ② dependent |
| ③ needed    | ④ asked     |

10. 下線部(10)と同じような意味を持つ語句を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- |                |                |
|----------------|----------------|
| ① keen on      | ② vacant for   |
| ③ effective at | ④ reluctant to |

11. 下線部 (11) と同じような意味を持つ語を以下の①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① hardworking                      ② miserable  
③ delighted                         ④ hungry

12. 本文の内容に合致している英文を①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

- ① Noodles were previously thought to have been eaten in China for about the last 4000 years.  
② A book describing the noodle was written over 2000 years ago.  
③ There was a big earthquake in China about 4000 years ago.  
④ What was found in Lajia had been hidden in earthen boxes.

13. 次の質問に対して最も適切な答えを①～④から1つ選び、その番号を解答用紙の  にマークしなさい。

How many instant noodles were eaten worldwide last year?

- ① Over 100,000,000.                      ② Over 1,000,000,000.  
③ Over 10,000,000,000.                      ④ Over 100,000,000,000.

14. 本文の内容に合致している英文を ①～④ から 1 つ選び、その番号を解答用紙の  にマークしなさい。

- ① More than 30 per cent of the world's instant noodles were consumed in Mainland China last year.
- ② One serving of instant noodles per person is eaten every day.
- ③ Instant noodles have been on market since immediately after the end of WWII.
- ④ The number of servings of instant noodles consumed every day is greater than the number of the world's population.

15. 本文の内容に合致している英文を ①～④ から 1 つ選び、その番号を解答用紙の  にマークしなさい。

- ① It is considered polite worldwide to make noises when eating noodles.
- ② Making noises when eating noodles shows ungratefulness in Japan.
- ③ The Japanese think instant noodles are the second greatest invention after karaoke.
- ④ There are three instant noodle museums in Japan, including one dedicated to Cup Noodles.

**問題Ⅲ** 次の16.～20.の英文を完成させるために空所に入れるのに最も適切な語を①～④から1つ選び、その番号を解答用紙の 

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 にそれぞれマークしなさい。

16. Judging ( 16 ) what he was wearing, I thought he was from somewhere in Southeast Asia.

- ① at                      ② from                      ③ of                      ④ on

17. To be frank ( 17 ) you, we haven't been so good at sales these past three months.

- ① after                      ② with                      ③ at                      ④ in

18. ( 18 ) our surprise, the man we thought dead opened his eyes.

- ① With                      ② Of                      ③ From                      ④ To

19. What is made ( 19 ) metal is not always hard and heavy.

- ① for                      ② to                      ③ of                      ④ after

20. I thought she would be happy with the result of the exam, but, ( 20 ) the contrary, she was disappointed.

- ① at                      ② of                      ③ on                      ④ in



**問題Ⅳ** 次の21.～25.の各文の( )内の語(句)を並べ替えて英文を完成させるとき、3番目に置かれる語(句)を以下の①～④から1つ選び、その番号を解答用紙の  ～  にそれぞれマークしなさい。

21. There is (train, a, two, every, hours) at this time of the day.

- ① train      ② every      ③ hours      ④ a

22. Are you sure it was President Trump?

—Not so sure. He was (me, a, from, quite, way).

- ① quite      ② way      ③ a      ④ from

23. Do you know (scrap, it, how, to, much, costs) this car?

- ① it      ② how      ③ costs      ④ much

24. I (if, me, wonder, could, you, help).

- ① if      ② could      ③ you      ④ wonder

25. We (well, as, tell, may, before, the truth) it is too late.

- ① well      ② as      ③ before      ④ the truth

**問題V** 次の26.～30.の英文の空所に入れるのに最も適切なものを①～④から1つ選び、解答用紙の  ～  にそれぞれマークしなさい。

26. Could you wait a minute? I have to ( 26 ) a phone call before leaving.

- ① do                      ② pull                      ③ book                      ④ make

27. We ( 27 ) it for granted that tap water is cheap and safe to drink.

- ① admit                      ② think                      ③ believe                      ④ take

28. As I lived in my hometown for 20 years, I always ( 28 ) a clear view of it in mind.

- ① have                      ② take                      ③ look                      ④ make

29. The teacher told us to ( 29 ) around so that we could see the students sitting behind us.

- ① play                      ② show                      ③ turn                      ④ take

30. When they were looking for a solution, someone in the group ( 30 ) up with a good idea.

- ① moved                      ② went                      ③ paid                      ④ came

**問題Ⅵ** 次の31.～35.の英文の下線部で誤りがあるものを①～④から1つ選び、その番号を解答用紙の 

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 にそれぞれマークしなさい。

31. I enjoyed ① to reading short stories when I was ② in my teens, but now I ③ seldom read, watching videos ④ on my phone instead.
32. When I was living in a small town ① in the north country, ② there was no chance ③ of seeing ④ famous anyone.
33. The king ordered his people ① must pay ② more than 60 % ③ of what they ④ had earned.
34. If I ① were you, I ② will start working ③ right after ④ graduating from high school.
35. ① Since the IT revolution, we have been ② exposed to a lot of ③ informations and sometimes feel ④ at a loss.

**問題Ⅶ** 次の36.～40.の下線部の語と同じような意味を持つ語（句）を①～④から1つ選び、解答用紙の  ～  にそれぞれマークしなさい。

36. It was difficult to look for the appropriate words to describe what had happened.

- ① impressive    ② necessarily    ③ inaccurate    ④ suitable

37. They are all accustomed to the smart phone while some are not to the computer.

- ① known    ② used    ③ keen    ④ sought

38. Since the industrial revolution the structures of society have changed and the number of wealthy people has increased.

- ① rich    ② clever    ③ smart    ④ educated

39. In order to reach the goal, we should research the field more thoroughly.

- ① accumulate    ② fill out    ③ achieve    ④ put off

40. People are encouraged to take part in volunteer work during the Olympics.

- ① fascinated    ② reorganized    ③ hastened    ④ urged